RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10 568,467

Source: ITWP

Date Processed by STIC: 2/23/06

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IFWP

RAW SEQUENCE LISTING   DATE: 02/23/2006
PATENT APPLICATION: US/10/568,467   TIME: 07:59:15

        Input Set : **A:\X16339_US.ST25.txt**
        Output Set: **N:\CRF4\02232006\J568467.raw**

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 3 <110> APPLICANT: Eli Lilly and Company
 4        Heiman, Mark L.
 5        Kikly, Kristine K
 6        Manetta, Joseph V
 7        Witcher, Derrick R
 9 <120> TITLE OF INVENTION: Anti-Ghrelin Antibodies
11 <130> FILE REFERENCE: X-16339_US
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C--> 13 <140> **CURRENT APPLICATION NUMBER: US/10/568,467**
C--> 13 <141> **CURRENT FILING DATE: 2006-02-14**
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13 <150> PRIOR APPLICATION NUMBER: PCT/US2004/025604
14 <151> PRIOR FILING DATE: 2004-09-02
16 <150> PRIOR APPLICATION NUMBER: 60/582111
17 <151> PRIOR FILING DATE: 2004-06-23
19 <160> NUMBER OF SEQ ID NOS: 37
21 <170> SOFTWARE: PatentIn version 3.3
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 339
25 <212> TYPE: DNA
26 <213> ORGANISM: Mus sp.
29 <220> FEATURE:
30 <221> NAME/KEY: misc_feature
31 <222> LOCATION: (1)..(339)
32 <223> OTHER INFORMATION: Polynucleotide sequence encoding 1181 light chain variable
region
34 <400> SEQUENCE: 1
35 gatgttgtga tgacccaaac tccactctcc ctgcctgtca gtcttggaga tcaagcctcc    60
37 atctcttgca gatctagtca gagccttgta cacagtaatg gaaacaccta tttacattgg   120
39 tacctgcaga agccaggcca gtctccaaag ctcctgatct acaaagtttc caaccgattt   180
41 tctggggtcc cagacaggtt cagtggcagt ggatcaggga cagatttcac actcaagatc   240
43 agcagagtgg aggctgagga tctgggagtt tatttctgct ctcaaagtac acatgttccg   300
45 tacacgttcg gaggggggac caagctggaa ataaaacgg                          339
48 <210> SEQ ID NO: 2
49 <211> LENGTH: 339
50 <212> TYPE: DNA
51 <213> ORGANISM: Mus sp.
54 <220> FEATURE:
55 <221> NAME/KEY: misc_feature
56 <222> LOCATION: (1)..(339)
57 <223> OTHER INFORMATION: Polynucleotide sequence encoding 1621 light chain variable
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59 <400> SEQUENCE: 2
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62 atctcttgca gatctagtca gagccttgta cacagtaatg gaagcaccta tttacattgg   120
64 tacctgcaga agccaggcca gtctccaaag ctcctgatct acaaagtttc caaccgattt   180
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66 tctggggtcc cagacaggtt cagtggcagt ggatcaggga cagatttcac actcaagatc   240

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68  agcagagtgg aggctgagga tctgggagtt tatttctgct ctcaaagtac acatgttccg     300
70  tacacgttcg gagggggggac caagctggaa ataagacgg                            339
73  <210> SEQ ID NO: 3
74  <211> LENGTH: 113
75  <212> TYPE: PRT
76  <213> ORGANISM: Mus sp.
79  <220> FEATURE:
80  <221> NAME/KEY: MISC_FEATURE
81  <222> LOCATION: (1)..(113)
82  <223> OTHER INFORMATION: 1181 light chain variable region amino acid sequence
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87  1               5                   10                  15
90  Asp Gln Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Val His Ser
91              20                  25                  30
94  Asn Gly Asn Thr Tyr Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser
95          35                  40                  45
98  Pro Lys Leu Leu Ile Tyr Lys Val Ser Asn Arg Phe Ser Gly Val Pro
99      50                  55                  60
102 Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
103 65                  70                  75                  80
106 Ser Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Phe Cys Ser Gln Ser
107                 85                  90                  95
110 Thr His Val Pro Tyr Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
111                 100                 105                 110
114 Arg
118 <210> SEQ ID NO: 4
119 <211> LENGTH: 113
120 <212> TYPE: PRT
121 <213> ORGANISM: Mus sp.
124 <220> FEATURE:
125 <221> NAME/KEY: MISC_FEATURE
126 <222> LOCATION: (1)..(113)
127 <223> OTHER INFORMATION: 1621 light chain variable region amino acid sequence
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132 1               5                   10                  15
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136             20                  25                  30
139 Asn Gly Ser Thr Tyr Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser
140         35                  40                  45
143 Pro Lys Leu Leu Ile Tyr Lys Val Ser Asn Arg Phe Ser Gly Val Pro
144     50                  55                  60
147 Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
148 65                  70                  75                  80
151 Ser Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Phe Cys Ser Gln Ser
152                 85                  90                  95
155 Thr His Val Pro Tyr Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
156                 100                 105                 110
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159 Arg
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164 <211> LENGTH: 16
165 <212> TYPE: PRT
166 <213> ORGANISM: Mus sp.
169 <220> FEATURE:
170 <221> NAME/KEY: MISC_FEATURE
171 .<222> LOCATION: (1)..(16)
172 <223> OTHER INFORMATION: 1181 light chain CDR1 amino acid sequence
174 <400> SEQUENCE: 5
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177 1               5                   10                  15
180 <210> SEQ ID NO: 6
181 <211> LENGTH: 16
182 <212> TYPE: PRT
183 <213> ORGANISM: Mus sp.
186 <220> FEATURE:
187 <221> NAME/KEY: MISC_FEATURE
188 <222> LOCATION: (1)..(16)
189 <223> OTHER INFORMATION: 1621 light chain CDR1 amino acid sequence
191 <400> SEQUENCE: 6
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194 1               5                   10                  15
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198 <211> LENGTH: 16
199 <212> TYPE: PRT
200 <213> ORGANISM: Mus sp.
203 <220> FEATURE:
204 <221> NAME/KEY: MISC_FEATURE
205 <222> LOCATION: (1)..(16)
206 <223> OTHER INFORMATION: Light chain (generic for 1181 and 1621) CDR1 amino acid
sequence
208 <220> FEATURE:
209 <221> NAME/KEY: MISC_FEATURE
210 <222> LOCATION: (12)..(12)
211 <223> OTHER INFORMATION: Xaa is selected from the group consisting of Gly (G), Ala
(A),
212          Ser (S), Thr (T), Cys (C), Asn (N) and Gln (Q)
214 <400> SEQUENCE: 7
W--> 216 Arg Ser Ser Gln Ser Leu Val His Ser Asn Gly Xaa Thr Tyr Leu His
217 1               5                   10                  15
220 <210> SEQ ID NO: 8
221 <211> LENGTH: 7
222 <212> TYPE: PRT
223 <213> ORGANISM: Mus sp.
226 <220> FEATURE:
227 <221> NAME/KEY: MISC_FEATURE
228 <222> LOCATION: (1)..(7)
229 <223> OTHER INFORMATION: 1181 and 1621 light chain CDR2 amino acid sequence
231 <400> SEQUENCE: 8
233 Lys Val Ser Asn Arg Phe Ser
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RAW SEQUENCE LISTING   DATE: 02/23/2006
PATENT APPLICATION: US/10/568,467   TIME: 07:59:15

          Input Set : A:\X16339_US.ST25.txt
          Output Set: N:\CRF4\02232006\J568467.raw

234 1   5
237 <210> SEQ ID NO: 9
238 <211> LENGTH: 9
239 <212> TYPE: PRT
240 <213> ORGANISM: Mus sp.
243 <220> FEATURE:
244 <221> NAME/KEY: MISC_FEATURE
245 <222> LOCATION: (1)..(9)
246 <223> OTHER INFORMATION: 1181 and 1621 light chain CDR3 amino acid sequence
248 <400> SEQUENCE: 9
250 Ser Gln Ser Thr His Val Pro Tyr Thr
251 1   5
254 <210> SEQ ID NO: 10
255 <211> LENGTH: 357
256 <212> TYPE: DNA
257 <213> ORGANISM: Mus sp.
260 <220> FEATURE:
261 <221> NAME/KEY: misc_feature
262 <222> LOCATION: (1)..(357)
263 <223> OTHER INFORMATION: Polynucleotide sequence encoding 1181 heavy chain variable
region
265 <400> SEQUENCE: 10
266 caggtccagc tgcagcagtc tggggcagag cttgtgaggt caggggcctc agtcaagttg   60
268 tcctgcacag cttctggctt caacattaaa gactacttta tgcagtgggt gaagcagagg   120
270 cctgaacagg gcctggagtg gattggatgg attgatcctg agaatggtga aactggatat   180
272 gccccgaagt tccagggcaa ggccactatg actgcagaca cagcctccaa tacagcctac   240
274 ctgcaactca gcagcctgac atctgaggac actgccctgt attactgtaa tgcaccttcg   300
276 gtcgtggcta atacttcga tgtctggggc gcagggacca cggtcaccgt ctcctca   357
279 <210> SEQ ID NO: 11
280 <211> LENGTH: 357
281 <212> TYPE: DNA
282 <213> ORGANISM: Mus sp.
285 <220> FEATURE:
286 <221> NAME/KEY: misc_feature
287 <222> LOCATION: (1)..(357)
288 <223> OTHER INFORMATION: Polynucleotide sequence encoding 1621 heavy chain variable
region
290 <400> SEQUENCE: 11
291 caggtccagc tgcagcagtc tggggcagag cttgtgaggt caggggcctc agtcaagttg   60
293 tcctgcacag cttctggctt caacattaaa gactactttg tgcagtgggt gaagcagagg   120
295 cctgaacagg gcctggagtg gattggatgg attgatcctg agaatggtga aactggatat   180
297 gccccgaagt tccagggcaa ggccactatg actgcagaca cagcctccaa tacagcctac   240
299 ctgcaactca gcagcctgac atctgaggac actgccctgt atttctgtaa tgcaccttcg   300
301 gtagtggcta atacttcga tgtctggggc gcagggacca cggtcaccgt ctcctca   357
304 <210> SEQ ID NO: 12
305 <211> LENGTH: 119
306 <212> TYPE: PRT
307 <213> ORGANISM: Mus sp.
310 <220> FEATURE:
311 <221> NAME/KEY: MISC_FEATURE
312 <222> LOCATION: (1)..(119)

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313 <223> OTHER INFORMATION: 1181 heavy chain amino acid sequence
315 <400> SEQUENCE: 12
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318 1               5                   10                  15
321 Ser Val Lys Leu Ser Cys Thr Ala Ser Gly Phe Asn Ile Lys Asp Tyr
322             20                  25                  30
325 Phe Met Gln Trp Val Lys Gln Arg Pro Glu Gln Gly Leu Glu Trp Ile
326         35                  40                  45
329 Gly Trp Ile Asp Pro Glu Asn Gly Glu Thr Gly Tyr Ala Pro Lys Phe
330     50                  55                  60
333 Gln Gly Lys Ala Thr Met Thr Ala Asp Thr Ala Ser Asn Thr Ala Tyr
334 65                  70                  75                  80
337 Leu Gln Leu Ser Ser Leu Thr Ser Glu Asp Thr Ala Leu Tyr Tyr Cys
338             85                  90                  95
341 Asn Ala Pro Ser Val Val Ala Lys Tyr Phe Asp Val Trp Gly Ala Gly
342             100                 105                 110
345 Thr Thr Val Thr Val Ser Ser
346         115
349 <210> SEQ ID NO: 13
350 <211> LENGTH: 118
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352 <213> ORGANISM: Mus sp.
355 <220> FEATURE:
356 <221> NAME/KEY: MISC_FEATURE
357 <222> LOCATION: (1)..(118)
358 <223> OTHER INFORMATION: 1621 heavy chain amino acid sequence
360 <400> SEQUENCE: 13
362 Gln Val Gln Leu Gln Gln Ser Gly Ala Glu Leu Val Arg Ser Gly Ala
363 1               5                   10                  15
366 Ser Val Lys Leu Ser Cys Thr Ala Ser Gly Phe Asn Ile Lys Asp Tyr
367             20                  25                  30
370 Phe Val Gln Trp Val Lys Gln Arg Pro Glu Gln Gly Leu Glu Trp Gly
371         35                  40                  45
374 Trp Ile Asp Pro Glu Asn Gly Glu Thr Gly Tyr Ala Pro Lys Phe Gln
375     50                  55                  60
378 Gly Lys Ala Thr Met Thr Ala Asp Thr Ala Ser Asn Thr Ala Tyr Leu
379 65                  70                  75                  80
382 Gln Leu Ser Ser Leu Thr Ser Glu Asp Thr Ala Leu Tyr Phe Cys Asn
383             85                  90                  95
386 Ala Pro Ser Val Val Ala Lys Tyr Phe Asp Val Trp Gly Ala Gly Thr
387             100                 105                 110
390 Thr Val Thr Val Ser Ser
391         115
394 <210> SEQ ID NO: 14
395 <211> LENGTH: 10
396 <212> TYPE: PRT
397 <213> ORGANISM: Mus sp.
400 <220> FEATURE:
401 <221> NAME/KEY: MISC_FEATURE
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 02/23/2006
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:7; Xaa Pos. 12
Seq#:16; Xaa Pos. 9
Seq#:19; Xaa Pos. 28
Seq#:28; Xaa Pos. 10,12,16
Seq#:29; Xaa Pos. 5,7

VERIFICATION SUMMARY   DATE: 02/23/2006
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Output Set: N:\CRF4\02232006\J568467.raw

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:447 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:16
L:689 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
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